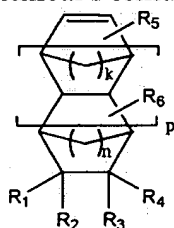


Please replace the paragraph at page 4, lines 5-26 with the following amended paragraph:

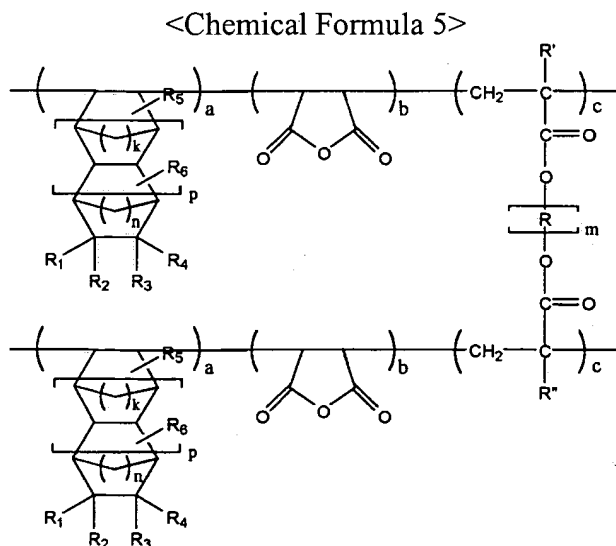
<Chemical Formula 4>



Page 2 of 14

Please replace the paragraph at page 5, line 8 - page 6, line 8 with the following amended paragraph:

A desirable photoresist polymer prepared by using the polymerization process of the present invention is represented by following Chemical Formula 5:



wherein, k and n individually represent the number 1 or 2; m represents a number from 1 to 10; p represents a number from 0 to 5; R', R'', R₅ and R₆ individually represent hydrogen or methyl; R is selected from the group consisting of straight or branched C₁₋₁₀ alkyl, straight or branched C₁₋₁₀ ester, straight or branched C₁₋₁₀ ketone, straight or branched C₁₋₁₀ carboxylic acid, straight or branched C₁₋₁₀ acetal, straight or branched C₁₋₁₀ alkyl including at least one hydroxyl group, straight or branched C₁₋₁₀ ester including at least one hydroxyl group, straight or branched C₁₋₁₀ ketone including at least one hydroxyl group, straight or branched C₁₋₁₀ carboxylic acid including at least one hydroxyl group, and straight or branched C₁₋₁₀ acetal including at least one hydroxyl group; R₁, R₂, R₃ and R₄ are individually selected from the group consisting of hydrogen, straight or branched C₁₋₁₀ alkyl, straight or branched C₁₋₁₀ ester, straight or branched C₁₋₁₀ ketone, straight or branched C₁₋₁₀ carboxylic acid, straight or branched C₁₋₁₀ acetal, straight or branched C₁₋₁₀ alkyl including at least one hydroxyl group, straight or branched C₁₋₁₀ ester including at least one hydroxyl group, straight or branched C₁₋₁₀ ketone including at least one hydroxyl group, straight

or branched C₁₋₁₀ carboxylic acid including at least one hydroxyl group, and straight or branched C₁₋₁₀ acetal including at least one hydroxyl group, ~~wherein, at least one of R₁, R₂, R₃, and R₄ represent straight or branched C₁₋₁₀ alkyl including at least one hydroxyl group, straight or branched C₁₋₁₀ ester including at least one hydroxyl group, straight or branched C₁₋₁₀ ketone including at least one hydroxyl group, straight or branched C₁₋₁₀ carboxylic group including at least one hydroxyl group, straight or branched C₁₋₁₀ acetal including at least one hydroxyl group;~~ and the ratio a : b : c is preferably 1-50 mol% : 10-50 mol% : 0.1-20 mol%. In one embodiment, at least one of R₁, R₂, R₃, and R₄ represent straight or branched C₁₋₁₀ alkyl including at least one hydroxyl group, straight or branched C₁₋₁₀ ester including at least one hydroxyl group, straight or branched C₁₋₁₀ ketone including at least one hydroxyl group, straight or branched C₁₋₁₀ carboxylic group including at least one hydroxyl group, straight or branched C₁₋₁₀ acetal including at least one hydroxyl group. In another embodiment, all of R₁, R₂, R₃, and R₄ do not represent hydrogen at the same time.